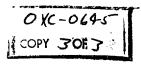
Approved For Release 2002/10/30 : CIA-RDP67B00820R000400030074-8 10 June 1960



	TO: All Project Personnel
	FROM: 25X1A
	SUBJECT: Redesign of the System
	As a result of inadequate side clearance of the platform and the vehicle, it is necessary to change certain system parameters.
	The fundamental change is that the inclination of the optical area after the first fold is now 26.25° from the vertical instead of 30°. will relocate the optical elements and provide drawings as a basis for new system layouts.
Control of the contro	Optical changes which result from this are: 25X1A
	1. The folding prism must be redesigned.
	 The clear aperture of the folding mirror is reduced slightly
25X1A	The investigation of these items is the responsibility of Furthermore, the plan for optical element alignment in the lens cone should be reexamined.
25X1A	The width of the platform is reduced approximately two inches on each side by this change. Redesign of the platform is the responsibility of To the extent possible the "V" angle at the bottom of the structure should be brought to 17° on each side from the low point of the scanner. This may require a reduction of clearances between the folding mirror and the lens come at its lowest point at the forward edge of each optical unit.
	An attempt will be made by myself to reoriest the gimbal to provide maximum clearance with the forward unit focal plane. Initially, we will attempt to retain the center of gravity on the center plane of the vehicle.
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